

# JAVA.IO.PIPEDREADER CLASS

[http://www.tutorialspoint.com/java/io/java\\_io\\_pipedreader.htm](http://www.tutorialspoint.com/java/io/java_io_pipedreader.htm)

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## Introduction

The **java.util.PipedReader** class is piped character-input streams.

## Class declaration

Following is the declaration for **java.util.PipedReader** class:

```
public class PipedReader
    extends Reader
```

## Field

Following are the fields for **java.util.PipedReader** class:

- **protected Object lock** -- This is the object used to synchronize operations on this stream.

## Class constructors

S.N.	Constructor & Description
1	<b>PipedReader()</b> This creates a PipedReader so that it is not yet connected.
2	<b>PipedReader(int pipeSize)</b> This creates a PipedReader so that it is not yet connected and uses the specified pipe size for the pipe's buffer.
3	<b>PipedReader(PipedWriter src)</b> This creates a PipedReader so that it is connected to the piped writer src.
4	<b>PipedReader(PipedWriter src, int pipeSize)</b> This creates a PipedReader so that it is connected to the piped writer src and uses the specified pipe size for the pipe's buffer.

## Class methods

S.N.	Method & Description
1	<a href="#"><u>void close()</u></a> This method closes this piped stream and releases any system resources associated with the stream.
2	<a href="#"><u>void connect(PipedWriter src)</u></a> This method causes this piped reader to be connected to the piped writer <i>src</i> .
3	<a href="#"><u>int read()</u></a>

	This method reads the next character of data from this piped stream.
4	<a href="#"><u>int read(char[] cbuf, int off, int len)</u></a> This method reads up to <i>len</i> characters of data from this piped stream into an array of characters.
5	<a href="#"><u>boolean ready()</u></a> This method tell whether this stream is ready to be read.

## Methods inherited

This class inherits methods from the following classes:

- `java.util.Reader`
- `java.util.Object`